

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/097252 A2

(51) International Patent Classification⁷: **A61M 37/00**

(21) International Application Number:
PCT/US2005/011560

(22) International Filing Date: 5 April 2005 (05.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/818,477 5 April 2004 (05.04.2004) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 10/818,477 (CIP)
Filed on 5 April 2004 (05.04.2004)

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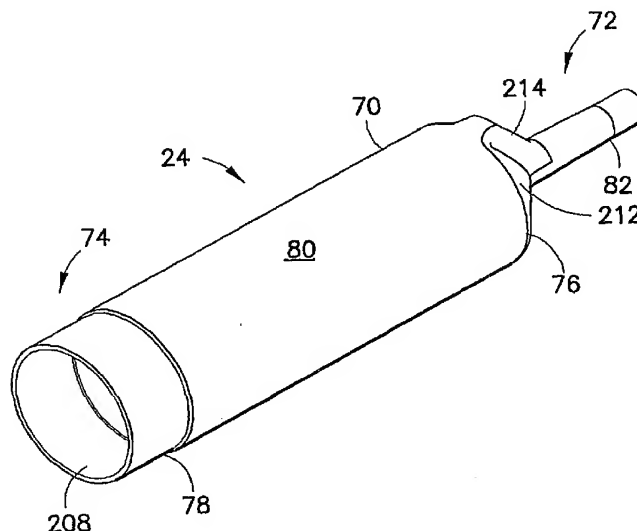
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: FLUID INJECTION APPARATUS WITH FRONT LOAD PRESSURE JACKET, LIGHT ILLUMINATION, AND SYRINGE SENSING



(57) Abstract: The fluid injection apparatus is adapted for use with a syringe and includes an injector and a pressure jacket associated with the injector. The injector includes a housing defining an opening for a drive piston extendable from the housing. The pressure jacket secures the syringe during an injection procedure. The pressure jacket has a distal end defining a syringe receiving opening for receiving the syringe, and a proximal end associated with the housing and generally aligned with the opening. The apparatus includes a syringe sensor adapted for engagement by the syringe when loaded into the pressure jacket. The housing may have an engagement tab adapted to engage an engagement recess in the pressure jacket to removably engage the pressure jacket with the housing. The apparatus may have one or more light sources associated with the housing for illuminating the syringe received in the pressure jacket.

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